



EVROPSKÁ UNIE
Evropské strukturální a investiční fondy
Operační program Výzkum, vývoj a vzdělávání



Příloha č.1 - Technická specifikace - nabídka

UTB – DNS výpočetní technika 53/2019 – CPS 4

IDENTIFIKAČNÍ ÚDAJE ZADAVATELE

Obchodní název:	Univerzita Tomáše Bati ve Zlíně
Sídlo:	nám. T. G. Masaryka 5555, 760 01 Zlín
IČO:	70883521
Rektor:	prof. Ing. Vladimír Sedlařík, Ph.D.

Předmět veřejné zakázky:

Předmětem veřejné zakázky je dodávka **výpočetní techniky** pro potřeby Centra polymerních systémů Univerzity Tomáše Bati ve Zlíně v rámci projektu Rozvoj výzkumně zaměřených studijních programů na UNI, reg. č. CZ.02.2.69/0.0/0.0/16_018/0002720.

Specifikace předmětu veřejné zakázky – nabízené parametry:

1. Počítač kancelářský (PC)

Nabízené parametry - Lenovo ThinkCentre M920s	
Processor*	Intel Core i7-9700 min. 15500 bodů CPU Passmark, max. TDP 65 W, http://www.cpubenchmark.net/
HDD	500 GB typu SSD, rychlost čtení min 1000 MB/s, možnost rozšíření o další disk (kabely součástí)
Operační paměť RAM	16 GB DDR4
Grafická karta	integrovaná
Vzdálená správa	technologie pro zabezpečení a vzdálenou správu zařízení s možností spravovat a inventarizovat prostředky zařízení bez podpory operačního systému (CPU i MB) – V-Pro
USB porty	min. 8 x USB, z toho min. 4 x z přední strany skříně, z toho 1x USB-C a 2x USB 3.1
Skříně	možnost provozu jako tower i desktop
Zdroj	odpovídající nabídnuté sestavě, účinnost 92 %
Video výstupy	2 x digitální výstup (DP), 1x D-SUB
Rozhraní	RJ45 10/100/1000, konektor pro sluchátka zepředu skříně
Klávesnice	Lenovo CZ, levý úzký shift + obrácené lomítko, dvouřádkový ENTER
Myš	Lenovo optická, USB připojení
Operační systém**	předinstalovaná podkladová licence MS Windows od výrobce, včetně všech ovladačů, licenční klíč navedený v BIOSu (UEFI), kompatibilita s Windows

	10 Professional včetně ovladačů od výrobce zařízení (dohledatelnost na stránkách výrobce)
Čtečka paměťových karet	ano
Zabezpečení	vestavěná technologie diskretní TPM chip 2.0, otvor pro uzamčení skříně lankem, detekce vniknutí do skříně, možnost vypínání USB portů
Max. rozměry PC	290.5mm x 92.5mm x 343.5mm (Š x V x D pro desktop)
Záruka a servis	5 let, servis NBD on-site garantovaný výrobcem nebo autorizovaným servisním střediskem (doloženo čestným prohlášením)
Požadovaný počet ks	8

**Informace k výkonu procesoru*

Zadavatelem požadovaný počet bodů CPU Passmark musí nabízený procesor splňovat nejméně ke dni podání nabídek. Pro posouzení bude použita střední hodnota uvedená na <http://www.cpubenchmark.net/>. K jednotlivým testům nebude přihlíženo.

*** Informace k požadovanému operačnímu systému*

Zadavatel má uzavřenou prováděcí smlouvu Microsoft Enrollment for Education Solutions č. 55361629 (plán Microsoft 365 A3), na základě které může užívat na všech vlastních i pronajatých zařízeních licence operačního systému Windows (upgrade na libovolnou verzi v jazyce českém a anglickém) a balík produktů Office (v libovolné verzi v jazyce českém a anglickém).

2. Monitor

Nabízené parametry - Lenovo LCD T27i-10 Wide	
Technologie panelu	IPS
Jmenovitá úhlopříčka	27"
Poměr stran	16:9
Rozlišení panelu	1920 x 1080
Statický kontrastní poměr	1000:1
Jas	250 cd/m ²
Povrch displeje	matný
Další vlastnosti	výškově nastavitelný podstavec, USB hub, 4 x USB 3.x, bezrámečkový design, naklápění a natáčení LCD (pivot)
Vstupy	DP, HDMI, VGA
TV tuner	nemá
Záruka	5 let, servis NBD on-site garantovaný výrobcem nebo autorizovaným servisním střediskem (doloženo čestným prohlášením)
Požadovaný počet ks	8

ThinkCentre M920 SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 8th / 9th Gen Intel Core™ i3 / i5 / i7 / i9 Processor	Audio support	High Definition (HD) Audio, Realtek ALC233VB2 / internal speaker (2 watt)																																																																																																																																															
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Support (Up to)</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr><td>Celeron G4900</td><td>2 / 2</td><td>3.1G</td><td>2 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Celeron G4920</td><td>2 / 2</td><td>3.2G</td><td>2 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Celeron G4930</td><td>2 / 2</td><td>3.2G</td><td>2 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Celeron G4950</td><td>2 / 2</td><td>3.3G</td><td>2 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Pentium Gold G5400</td><td>2 / 4</td><td>3.7G</td><td>4 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Pentium Gold G5500</td><td>2 / 4</td><td>3.8G</td><td>4 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Pentium Gold G5600</td><td>2 / 4</td><td>3.9G</td><td>4 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Pentium Gold G5420</td><td>2 / 4</td><td>3.8G</td><td>4 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Pentium Gold G5620</td><td>2 / 4</td><td>4.0G</td><td>4 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Core i3-8100</td><td>4 / 4</td><td>3.6G</td><td>6 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Core i3-8300</td><td>4 / 4</td><td>3.7G</td><td>8 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Core i5-8400</td><td>6 / 6</td><td>2.8G / 4.0G</td><td>9 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i5-8500</td><td>6 / 6</td><td>3.0G / 4.1G</td><td>9 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i5-8600</td><td>6 / 6</td><td>3.1G / 4.3G</td><td>9 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i7-8700</td><td>6 / 12</td><td>3.2G / 4.6G</td><td>12 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i3-9100</td><td>4 / 4</td><td>3.6G / 4.2G</td><td>6 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Core i3-9300</td><td>4 / 4</td><td>3.7G / 4.3G</td><td>8 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Core i3-9320</td><td>4 / 4</td><td>3.7G / 4.4G</td><td>8 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Core i5-9400</td><td>6 / 6</td><td>2.9G / 4.1G</td><td>9 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i5-9500</td><td>6 / 6</td><td>3.0G / 4.4G</td><td>9 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i5-9600</td><td>6 / 6</td><td>3.1G / 4.6G</td><td>9 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i7-9700</td><td>8 / 8</td><td>3.0G / 4.7G</td><td>12 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i9-9900</td><td>8 / 16</td><td>3.1G / 5.0G</td><td>16 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics	Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610	Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610	Celeron G4930	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610	Celeron G4950	2 / 2	3.3G	2 MB	DDR4-2400	UHD 610	Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610	Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630	Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630	Pentium Gold G5420	2 / 4	3.8G	4 MB	DDR4-2400	UHD 610	Pentium Gold G5620	2 / 4	4.0G	4 MB	DDR4-2400	UHD 630	Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630	Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630	Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630	Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630	Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630	Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630	Core i3-9100	4 / 4	3.6G / 4.2G	6 MB	DDR4-2400	UHD 630	Core i3-9300	4 / 4	3.7G / 4.3G	8 MB	DDR4-2400	UHD 630	Core i3-9320	4 / 4	3.7G / 4.4G	8 MB	DDR4-2400	UHD 630	Core i5-9400	6 / 6	2.9G / 4.1G	9 MB	DDR4-2666	UHD 630	Core i5-9500	6 / 6	3.0G / 4.4G	9 MB	DDR4-2666	UHD 630	Core i5-9600	6 / 6	3.1G / 4.6G	9 MB	DDR4-2666	UHD 630	Core i7-9700	8 / 8	3.0G / 4.7G	12 MB	DDR4-2666	UHD 630	Core i9-9900	8 / 16	3.1G / 5.0G	16 MB	DDR4-2666	UHD 630	<p>WLAN</p> <p>Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1</p> <p>Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2</p> <p>Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1</p> <p>Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2</p> <p>Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, Intel vPro technology support, 2x2</p> <p>Bluetooth Ethernet (Opt.)</p> <p>Some: Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN</p> <p>Some: Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4</p> <p>Some: Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1 (special bid only)</p> <p>Manageability</p> <p>Intel Active Management Technology 12 (Intel AMT 12); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)</p> <p>Security chip</p> <p>Discrete TPM 2.0, TCG Certified</p> <p>Security features</p> <ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Padlock loop Optional cable lock to physically lock both keyboard and mouse Optional chassis intrusion switch Optional chassis E-Lock (special bid) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Smart USB protection, allows keyboard/mouse only, blocks all storage devices <p>Keyboard</p> <p>Some: Lenovo Calliope Keyboard (USB connector), black</p> <p>Some: Lenovo Traditional Keyboard (USB connector), black</p> <p>Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black</p> <p>Some: Lenovo Keyboard (PS/2 connector), black (only available via special bid)</p> <p>Some: Lenovo Calliope Mouse (USB connector), black</p> <p>Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black</p> <p>Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black</p> <p>Some: Lenovo Mouse (PS/2 connector), black (only available via special bid)</p> <p>Mouse</p> <p>Mechanical</p> <ul style="list-style-type: none"> SFF (8,4L), black color, metal case (WxDxH) 3.6" X 11.4" X 13.5"; 92.5mm X 290.5mm X 343.5mm Approx. 13.23 lb (6 kg), weight may vary by configuration Toolless cover, disk, optical, extension card removal Optional dust filter Bay 1: Slim external ODD bay Bay 2: 3.5", 1" high, internal, HDD/SSD Bay 3: 2.5", internal, HDD/SSD (optional bay) Slot 1: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16 Slot 2: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x1 Slot 3: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16 (x4 signal) Slot 4: no slot, only bracket for optional port extension Slot 5: no slot, only bracket for optional port extension M.2 card slots: Two (one for WLAN, one for SSD/Options) Optional system floor stand for vertical orientation <p>Floor Stand</p> <p>Power supply</p> <p>Some: 180 watts, autosensing, 85% PSU</p> <p>Some: 210 watts, autosensing, 85% PSU</p> <p>Some: 260 watts, autosensing, 92% PSU (only available via special bid)</p> <p>Limited warranty</p> <p>Some: 1-year or 3-year depot service / service upgrades available</p> <p>Some: 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Preload</p> <p>Some: Windows® 10 Pro 64-bit</p> <p>Some: Windows 10 Home 64-bit</p> <p>Environment</p> <p>ENERGY STAR® 6.1, EPEAT™ Silver rating (North America), ErP Lot 3, TCO, TUV low noise verified (coming soon, on some models), RoHS-compliant</p> <p>Accessories</p> <p>For compatible accessories, please go to http://smartfind.lenovo.com</p>
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics																																																																																																																																													
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610																																																																																																																																													
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610																																																																																																																																													
Celeron G4930	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610																																																																																																																																													
Celeron G4950	2 / 2	3.3G	2 MB	DDR4-2400	UHD 610																																																																																																																																													
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610																																																																																																																																													
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630																																																																																																																																													
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630																																																																																																																																													
Pentium Gold G5420	2 / 4	3.8G	4 MB	DDR4-2400	UHD 610																																																																																																																																													
Pentium Gold G5620	2 / 4	4.0G	4 MB	DDR4-2400	UHD 630																																																																																																																																													
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630																																																																																																																																													
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630																																																																																																																																													
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630																																																																																																																																													
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630																																																																																																																																													
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630																																																																																																																																													
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630																																																																																																																																													
Core i3-9100	4 / 4	3.6G / 4.2G	6 MB	DDR4-2400	UHD 630																																																																																																																																													
Core i3-9300	4 / 4	3.7G / 4.3G	8 MB	DDR4-2400	UHD 630																																																																																																																																													
Core i3-9320	4 / 4	3.7G / 4.4G	8 MB	DDR4-2400	UHD 630																																																																																																																																													
Core i5-9400	6 / 6	2.9G / 4.1G	9 MB	DDR4-2666	UHD 630																																																																																																																																													
Core i5-9500	6 / 6	3.0G / 4.4G	9 MB	DDR4-2666	UHD 630																																																																																																																																													
Core i5-9600	6 / 6	3.1G / 4.6G	9 MB	DDR4-2666	UHD 630																																																																																																																																													
Core i7-9700	8 / 8	3.0G / 4.7G	12 MB	DDR4-2666	UHD 630																																																																																																																																													
Core i9-9900	8 / 16	3.1G / 5.0G	16 MB	DDR4-2666	UHD 630																																																																																																																																													
Memory	64GB max. DDR4-2666*, four 288-pin DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller																																																																																																																																																	
Storage	Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4", 32Gb/s * 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s																																																																																																																																																	
Optical	Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2 Some: DVD-ROM, SATA 1.5Gb/s Drive, slim (9.0mm) Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)																																																																																																																																																	
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, RAID 0/1 support (RAID preset only available via special bid model)																																																																																																																																																	
Media reader	Optional 7-in-1 media reader																																																																																																																																																	
Graphics	Intel UHD Graphics 610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays; Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz Some: NVIDIA GeForce® GT 730, DirectX 12, 2GB, PCIe 2.0 x16 adapter, two DisplayPort, 35 watts; Max resolution: 3840x2160 (DisplayPort)@60Hz;																																																																																																																																																	
Monitor cable	Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle																																																																																																																																																	
Chipset	Intel Q370 Chipset																																																																																																																																																	
Front ports* (Std.)	2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x USB 3.1 Type-C Gen1 (15W charging), 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)																																																																																																																																																	
Front ports* (Opt.)	Optional: 1x media reader																																																																																																																																																	
Rear ports* (Std.)	4x USB 3.1 Gen1, 1x serial (9-pin), 1x ethernet (RJ-45), 1x VGA, 2x DisplayPort, 1x line-out (3.5mm)																																																																																																																																																	
Rear ports* (Opt.)	Optional: 2x USB 2.0, 2x USB 3.1 Gen1 via PCIe x1, 2x USB 3.1 Type-C Gen2 via PCIe x4 (special bid only), 1x 2nd serial (9-pin), 4x serial (9-pin) via PCIe x1, 1x parallel (25-pin), 2x PS/2 ports (keyboard/mouse), 1x Thunderbolt 3 (combo USB3.1 Type-C Gen 2 / DisplayPort) via PCIe x4 (available on 09/30/2018), additional RJ-45 and video ports available on optional graphics or ethernet card * Depending on many factors, actual data transfer speed may be lower than theoretical speed																																																																																																																																																	

Note: The specifications above may not be available in all regions.

Lenovo, June 2019

ThinkVision T27i-10

BUILT TO PERFORM IN ANY BUSINESS ENVIRONMENT



MAKING WORK AN IMMERSIVE EXPERIENCE

The Lenovo™ ThinkVision® T27i-10 is a high-performance monitor that offers long term productivity for intense data and graphic applications. With the wide, borderless In-Plane Switching display for enhanced visual experience, and multiple ports for versatile connectivity, the ThinkVision® T27i-10 lets you explore your potential and realize it.

The NearEdgeless full-HD display, the bezel of which is as thin as 2 mm, making for easy connection to multiple displays with seamless visual clarity. The ThinkVision® T27i-10 comes with an array of ports including four USB 3.0 ports, VGA, DP, and HDMI to boost your productivity. The ergonomic stand is compatible with ThinkCentre Tiny and the sound bar, enabling you to utilize the T27i-10 to the fullest. Eye Comfort certification by TÜV ensures these displays are easy on the eyes, giving you the comfort you need.

FEATURES OF THINKVISION® T27i-10



NearEdgeless Display

The ThinkVision® T27i-10 includes a 1920 x 1080 full-HD resolution that ensures sharp imagery and vivid colors. The space-saving bezel is 2 mm thin, beneficial especially if you are interacting with multiple screens.



Effective Connectivity

A range of ports such as VGA, DP, and HDMI, ensure your connectivity needs are met. With four USB 3.0 ports, connect to as many devices and increase your productivity.



Practical Design

The ThinkVision® T27i-10 is built to support your work and your environment. Easily mount the ThinkCentre Tiny with a clamp the way you like. The sound bar extension is ready to add to your groove.



Lenovo

ThinkVision® T27i-10

DISPLAY

Panel Size
27 inch

Screen Dimensions (H x V) (mm)
597.89 (H) × 336.31 (V)

Panel Type
In-Plane Switching

Backlight
WLED

Aspect Ratio
16:9

Resolution
1920 x 1080

Pixel Pitch (H x V) (mm)
0.3110 × 0.3110

Viewing angle (H x V)
178° / 178°

Response Time (gray to gray)
4 ms (extreme mode)
6 ms (normal mode)

Contrast Ratio (typical)
1000:1

Dynamic Contrast Ratio (typical)
3M:1

Color Gamut NTSC (CIE 1931)
72%

Color Support
16.7M

CONNECTIVITY

Video Input Signals
VGA + HDMI 1.4 + DP 1.2

USB Hub

Yes
1 x USB 3.0 (Upstream)
4 x USB 3.0 (Downstream, incl. 1BC)

Cable Length
1.8 m

Audio Out
Yes (3.5 mm)

Power Consumption
22W (Typical) / 58W (max) at On mode.
<0.5W at Sleep mode; <0.3W at Switch off mode

MULTI-MEDIA

Optional Soundbar Support
Yes

DIMENSIONS

Size Packed (D x H x W) (mm/inch)
187 x 455 x 715 mm / 7.362 x 17.913 x 28.15 inch

Size Unpacked w/stand (D x H x W) (mm/inch) (Lowest Position)
269.8 x 403.3 x 611.9 mm / 10.62 x 15.88 x 24.09 inch

Size Unpacked w/stand (D x H x W) (mm/inch) (Highest Position)
269.8 x 513.3 x 611.9 mm / 10.62 x 20.21 x 24.09 inch

Size Unpacked w/o stand (D x H x W) (mm/inch) (Head Only)
19.9 x 366.5 x 611.9 mm / 1.96 x 14.43 x 24.09 inch

Weight Packed (kg/lbs.)
9.32kg / 20.55 lbs.

Weight Unpacked (kg/lbs.)
6.55kg / 14.44 lbs.

Weight (Monitor Head Only) (kg/lbs.)
4.60kg / 10.14 lbs.

SPECIAL FEATURES

Anti-Glare
Yes

Thin Client Support (Tiny)
Yes
(by Tiny Clamp Bracket Kit+VESA mount PN:4XFON82412+ PN:4XFON03161)

MECHANICAL

Tilt Angle (front/back)
-5°/30°

Swivel Angle (left/right)
-45°/+45°

Lift (Max range)
110 mm

Pivot
-90°/90°

VESA Mount
Yes (100 mm)

Kensington™ Lock Slot
Yes

Cable Management
Yes

Bezel Color
Raven Black

Bezel Width (Side)
2.0 mm

WHAT'S IN THE BOX

Monitor with stand
1 x Power cable
1 x VGA cable
1 x DP-DP cable
1 x HDMI cable (NA only)
1 x USB 3.0 cable
Quick setup guide

CERTIFICATIONS

ENERGY STAR Rating
7.0

CCC
Yes

TCO
7.0

EPEAT™
Silver

ULE
Gold

Windows Certification
Windows 7, Windows 10

China Energy Efficiency Standard
Tier 2

Ambient Operating Temperature
0°C to 40°C

Eye Comfort Certification
Yes



© 2019 Lenovo. All rights reserved. Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: ~5 Gbit/s for USB 3.1 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2. These products are available while supplies last. Prices shown are subject to change without notice. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Other company, product, and service names may be trademarks or service marks of others.

Specifications may vary depending upon region.